

TO/TS/10
JULY 03 U.S. PTO

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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 31]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings *(if filed)*
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 8]
5. Oath or Declaration [Total Pages 5]
 - a. ~~Nonexecute~~ ~~Nonexecute~~ (original or copy)
 - b. Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
- i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

Attorney Docket No.	CEC-127/SD-2131
First Inventor	Salim A. Jaliwala
Title	See 1 in Addendum
Express Mail Label No.	EF 227 530 271 US

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all necessary)*
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of *(when there is an assignee)* Attorney
11. English Translation Document *(if applicable)*
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations 14
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503) *(Should be specifically itemized)*
15. Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
16. Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other: Check #199591 for \$9.62

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No. _____ / _____

Prior application information: Examiner _____ Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	<i>(Input Customer No. or Attach bar code label here)</i>			<input type="checkbox"/> or <input checked="" type="checkbox"/> Correspondence address below
Name	Jeffrey A. Michael			
Address	Baker & Daniels 300 N. Meridian St., Suite 2700			
City	Indianapolis	State	IN	Zip Code
Country	USA	Telephone	317-237-0300	Fax

Name (Print/Type)	Jeffrey A. Michael	Registration No. (Attorney/Agent)	37,394
Signature	<i>Jeffrey A. Michael</i>		
	Date January 31, 2001		

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

01/31/01

Attachment to PTO/SB/05 (11-00)
UTILITY PATENT APPLICATION TRANSMITTAL

1. SYSTEM AND METHOD FOR ESTIMATING EGR MASS FLOW AND EGR FRACTION

FEDERAL REGISTER 2008-2010

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FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 962.00)

Complete if Known

Application Number	102-0390
Filing Date	Herewith
First Named Inventor	Salim A. Jaliwala
Examiner Name	
Group Art Unit	
Attorney Docket No.	CEC-127/SD-2131

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 02-0390

Deposit Account Name Baker & Daniels

 Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed:

 Check Credit card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 710	201 355	Utility filing fee	710
106 320	206 160	Design filing fee	
107 490	207 245	Plant filing fee	
108 710	208 355	Reissue filing fee	
114 150	214 75	Provisional filing fee	

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
34	-20** = 14	x 18	= 252
3	-3** = 0	x 80	= 0
			270 = 0

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 80	202 40	Independent claims in excess of 3
104 270	204 135	Multiple dependent claim, if not paid
109 80	209 40	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 962)

*or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for ex parte reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 390	216 195	Extension for reply within second month	
117 890	217 445	Extension for reply within third month	
118 1,390	218 695	Extension for reply within fourth month	
128 1,890	228 945	Extension for reply within fifth month	
119 310	219 155	Notice of Appeal	
120 310	220 155	Filing a brief in support of an appeal	
121 270	221 135	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,240	241 620	Petition to revive - unintentional	
142 1,240	242 620	Utility issue fee (or reissue)	
143 440	243 220	Design issue fee	
144 600	244 300	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Processing fee under 37 CFR 1.17(q)	
126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 710	246 355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 710	249 355	For each additional invention to be examined (37 CFR § 1.129(b))	
179 710	279 355	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$ 962)

SUBMITTED BY

Name (Print/Type)	Jeffrey A. Michael	Registration No. (Attorney/Agent)	37,394	Telephone	(317) 237-0300
Signature	Jeffrey A. Michael				
Date	January 31, 2001				

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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PATENT APPLICATION FEE DETERMINATION RECORD

Application or Docket Number

CEC-127/SD-2131

CLAIMS AS FILED - PART I

SMALL ENTITY

OR OTHER THAN
SMALL ENTITY

(Column 1)		
FOR	NUMBER FILED	NUMBER EXTRA
BASIC FEE (37 CFR 1.16(a))		
TOTAL CLAIMS (37 CFR 1.16(c))	34	minus 20 = * 14
INDEPENDENT CLAIMS (37 CFR 1.16(b))	3	minus 3 = * 0
MULTIPLE DEPENDENT CLAIM PRESENT		(37 CFR 1.16(d))

RATE	FEES	RATE	FEES
	\$ ____	OR	\$710
x \$ ____ =		OR	x \$ 18 = 252
x ____ =		OR	x .80 = 0
+ ____ =		OR	+ .270 = 0
TOTAL		OR	TOTAL 962

* If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

(Column 1) (Column 2) (Column 3)

SMALL ENTITY OR **OTHER THAN
SMALL ENTITY**

AMENDMENT A COLUMN 1	CLAIMS REMAINING AFTER AMENDMENT	COLUMN 2	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA CREDIT COLUMN 3
				6+
Total (37 CFR 1.16(c))	*	Minus	**	=
Independent (37 CFR 1.16(b))	*	Minus	***	=

RATE	ADDITIONAL FEE	RATE	ADDITIONAL FEE
x \$ ____ =		x \$ ____ =	
x ____ =		x ____ =	
+ ____ =		+ ____ =	
TOTAL		TOTAL	

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT B	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
Total (37 CFR 1.16(c))	*	Minus	**
Independent (37 CFR 1.16(b))	*	Minus	***
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM			(37 CFR 1.16(d))

ADDT. FEE		ADDT. FEE	
RATE	ADDITIONAL FEE	RATE	ADDITIONAL FEE
x \$ ____ =		OR x \$ ____ =	
x ____ =		OR x ____ =	
+ ____ =		OR + ____ =	
TOTAL		OR TOTAL	

	(Column 1)	(Column 2)	(Column 3)
AMENDMENT C	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total (37 CFR 1.16(c))	Minus	=
	Independent (37 CFR 1.16(b))	Minus	=

ADDITIONAL FEE		ADDITIONAL FEE	
RATE	ADDITIONAL FEE	RATE	ADDITIONAL FEE
$x \$ \underline{\hspace{2cm}} =$		$x \$ \underline{\hspace{2cm}} =$	
$x \underline{\hspace{2cm}} =$		$x \underline{\hspace{2cm}} =$	
$+ \underline{\hspace{2cm}} =$		$+ \underline{\hspace{2cm}} =$	
TOTAL ADDITIONAL FEE		TOTAL ADDITIONAL FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

**** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".**

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

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Date: January 31, 2001

Attorney Docket No.: CEC-127/SD-2131

BOX PATENT APPLICATION
Commissioner for Patents
Washington, D.C. 20231

jc841 U.S. PTO
09/774897
01/31/01

Re: Application for United States Letters Patent
Applicants: Salim A. Jaliwala, Paul R. Miller, Larry J. Brackney,
Thomas A. Dollmeyer, Chuan He, George Brunemann,
John F. Wright, Stephen J. Charlton

Title of Invention: **SYSTEM AND METHOD FOR ESTIMATING EGR MASS
FLOW AND EGR FRACTION**

Sir:

Forwarded herewith is the above-identified application, consisting of the following:
Specification (21 Pages)
Claims (9 Pages)
Abstract of the Disclosure X
Drawings (8 sheets)
Declaration Executed X Unexecuted
Information Disclosure Statement
Form PTO/SB/08A (1 pg.)
14 references
Patent Application Fee Determination Record
Fee Transmittal
Utility Patent Application Transmittal
Check #199591 for \$962.00

The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 02-0390, BAKER & DANIELS. A duplicate copy of this sheet is enclosed.

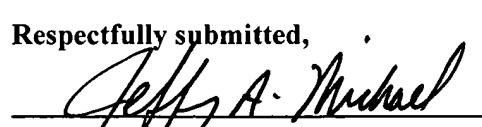
[X] Any additional filing fees required under 37 CFR 1.16.

The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 02-0390, BAKER & DANIELS. A duplicate copy of this letter is enclosed.

[X] Any patent application processing fees under 37 CFR 1.17.

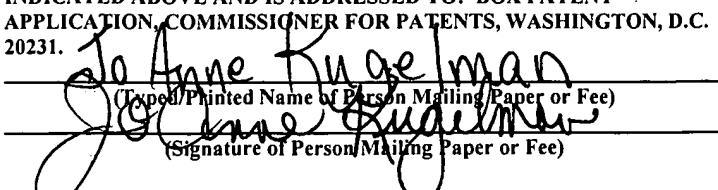
[X] Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Respectfully submitted,


Jeffrey A. Michael
Registration No. 37,394
Attorney for Applicants

BAKER & DANIELS
300 N. Meridian St., Suite 2700
Indianapolis, IN 46204
TELEPHONE: 317-237-0300
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DATE OF DEPOSIT January 31, 2001
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APPLICATION, COMMISSIONER FOR PATENTS, WASHINGTON, D.C.
20231.


(Taped/Printed Name of Person Mailing Paper or Fee)
(Signature of Person Mailing Paper or Fee)